

LESSONPLAN

Department: CSE		Semester:5 th	Name of Faculty: Miss Khipita Mukhi
Subject: Web Technologies (TH-2)	No.ofdays/ week Class allotted: 3	Effective From Date:01.07.2026	
		Topic to be Covered:	
		Theory	
Week	ClassDay	UNIT 1: Introduction to www	
1 st	1 st	Protocols and programs	
	2 nd	secure connections, application and development tools	
	3 rd	the web browser, what is server, setting up UNIX and LINUX	
2 nd	1 st	web servers, Logging users, dynamic IP	
	2 nd	Web Design: Website design principles, planning the site and navigation	
	3 rd	Web Design: Website design principles, planning the site and navigation	
3 rd	1 st	1. Doubt Clearing class 2. Quiz test 3. Assignment	
	2 nd	UNIT 2: Web Systems Architecture:	
	3 rd	Architecture of Web based systems- client/server (2-tier) architecture	
4 th	1 st	3-Tier architecture	
	2 nd	Building blocks of fast and scalable data access	
	3 rd	Concepts - Caches-Proxies- Indexes-Load	
5 th	1 st	Balancers- Queues,	
	2 nd	Web Application architecture (WAA)	
	3 rd	1. Doubt Clearing class 2. Quiz test 3. Assignment	
6 th	1 st	UNIT 3: JavaScript:	
	2 nd	Client- side scripting	
	3 rd	what is JavaScript	
7 th	1 st	what is JavaScript	
	2 nd	simple JavaScript	
	3 rd	variables, functions	
8 th	1 st	conditions, loops and repetition	
	2 nd	1. Doubt Clearing class 2. Quiz test 3. Assignment	
	3 rd	UNIT 4: Advance scripting: JavaScript and objects , JavaScript own objects	
9 th	1 st	DOM and web browser environments, forms and validations	
	2 nd	DHTML: Combining HTML, CSS and JavaScript, events and buttons, controlling your browser	
	3 rd	Ajax: Introduction advantages & disadvantages, Ajax based web application, alternatives of Ajax	
10 th	1 st	XML, XSL and XSLT: Introduction to XML, uses of XML, simple XML, XML key components	
	2 nd	DTD and Schemas, XML with application, XSL and XSLT	
	3 rd	Introduction to Web Services	

11 th	1 st	1. Doubt Clearing class 2. Quiz test 3. Assignment
	2 nd	UNIT 5: PHP: Server-side scripting, Arrays, function and forms
	3 rd	advance PHP Databases - Basic command with PHP examples
12 th	1 st	Connection to server, creating database, selecting a database, listing database
	2 nd	listing table names creating a table
	3 rd	inscrting data, altering tables, qucerics, delcting
13 th	1 st	Database, deleting data and tables
	2 nd	PHP my admin and database bugs
	3 rd	1. Doubt Clearing class 2. Quiz test 3. Assignment
14 th	1 st	UNIT 6: Introduction to Modern Frameworks
	2 nd	React, Angular
	3 rd	Node JS
15 th	1 st	Bootstrap
	2 nd	Tailwind CSS
	3 rd	1. Doubt Clearing class 2. Quiz test 3. Assignment

Khaptita Mukhi

Signature of Faculty

Rasmita Patra

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